

U.S. Serial No. 10/022,094
Response to the Office action of April 4, 2006

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This listing of claims will replace all prior versions, and listings, of claims in the application:

The Status of the Claims

1. (Currently Amended) A method of ~~recording~~providing content, the method comprising:
displaying a parameter menu of selectable parameters to be used for recording current or future viewed encrypted content; ~~and~~
selecting at least one parameter from the parameter menu via a user interface in order to effect a recording operation for the encrypted content([.]);
storing the encrypted content locally;
receiving a request to display the encrypted content;
decrypting the encrypted content when the content is authorized for display in response to the request to display the encrypted content; and
presenting the decrypted content.
2. (Original) The method of claim 1, wherein said parameter menu is mutually exclusive of any displayed content of an electronic program guide (EPG).
3. (Original) The method of claim 1, wherein said parameter menu is displayed as part of any displayed content of an electronic program guide (EPG).
4. (Original) The method of claim 1, wherein said parameters include at least one of a date of program, a time of program, and a desired channel.
5. (Original) The method of claim 4, further comprising displaying electronic program guide (EPG) content so as to identify at least one of a program to be recorded, actors in programs listed on said displayed menu, alternate audio, other showings on said displayed menu, and other episodes of a selectable program on said menu, wherein said user interface is selected from at least one of a graphical user interface (GUI) at a set-top box (STB), a remote control accessing the STB, or function buttons on the set-top box (STB).

U.S. Serial No. 10/022,094
Response to the Office action of April 4, 2006

6. (Original) The method of claim 5, further comprising manipulating said displayed EPG data to check for time conflicts between programs and to select alternate tuners for the STB.
7. (Original) The method of claim 5, wherein currently viewed content is paused when the EPG is displayed.
8. (Withdrawn) A method of recording content with a set top box (STB) while viewing current content received from a communication system, comprising the steps of: issuing a first command to immediately record currently viewed content; said command sent from a user-interface to a processor in the STB; and recording said currently viewed content on a mass storage device until a second command to stop recording is received by the processor, until said mass storage device runs out of storable space, or until the currently viewed content ends.
9. (Withdrawn) The method of claim 8, wherein said first and second commands are one-touch enabled features on a suitable user-interface such as a remote control, graphical user interface (GUI), or button on the STB.
10. (Withdrawn) The method of claim 8, wherein said first and second commands may be issued from a remote location.
11. (Withdrawn) The method of claim 8, wherein said currently viewed content can be recorded from a designated point forward, or from the beginning of the program.
12. (Withdrawn) A method of recording content, comprising the steps of: displaying a preview channel of selectable content; selecting at least one of the selectable content on the preview channel; and recording said selected content once the selected content has been broadcast in its entirety.
13. (Withdrawn) The method of claim 12, wherein said selectable content on said preview channel represents a broadcast trailer of a full-featured broadcast of said selectable content.

U.S. Serial No. 10/022,094

Response to the Office action of April 4, 2006

14. (Withdrawn) The method of claim 12, wherein said selectable content on said preview channel represents a website trailer of a full-featured broadcast of said selectable content, the website being programmed in order to enable the user to activate program recording.
15. (Withdrawn) The method of claim 12, wherein said step of selecting includes selecting said content with a user-interface, said user-interface sending instructions to the STB to display a pop-up menu of selectable content.
16. (Withdrawn) The method of claim 15, wherein said user interface further enables the display of pop-up menus for recording conflict identification, finding alternate times and handling pay-per-view issues.
17. (Withdrawn) The method of claim 13, further comprising embedding triggers and other information in said broadcast trailer that inform the STB of the content to record.
18. (Withdrawn) A method of recording content with a set-top box (STB), comprising: displaying a menu of selectable recorded programs; selecting ones of the displayed programs for editing operations; editing at least a part of the material in a selected programming in order to create a customized program for storage.
19. (Withdrawn) The method of claim 18, wherein said editing includes concatenation, truncation, frame capture, audio and video remix operations.
20. (Withdrawn) The method of claim 18, wherein said customized program is a video greeting card or outgoing message.
21. (Withdrawn) A method of recording content with a set-top box (STB), comprising: caching live content continuously up until a point where a mass storage device operatively connected to the STB is full; and thereafter displaying a menu of selectable cached content to be converted to permanently recorded content on the mass storage device.
22. (Withdrawn) The method of claim 21, wherein live content is viewable after changing

U.S. Serial No. 10/022,094
Response to the Office action of April 4, 2006

channels, while the previously viewed content is being cached for potential permanent storage.

23. (Withdrawn) The method of claim 21, wherein said step of caching is user-selectable or automatically set as a default feature in the STB.

24. (Withdrawn) The method of claim 21, wherein the user can display an archived menu of cached live content from a specified period of time.

25. (Withdrawn) A method of recording content in a communication system receiving at least two channel signals, comprising: recording content of a first channel, and viewing content on a second channel, wherein the second channel is being viewed while the first channel is being recorded.

26. (Withdrawn) The method of claim 25, wherein said at least two channel signals are received by a set top box, said STB performing simultaneous data decrypting and transport processing of said at least two channel signals.

27. (Withdrawn) The method of claim 25, wherein the STB is configured to simultaneously pause received live content on both channels.

28. (Withdrawn) The method of claim 25, wherein the STB is configured to simultaneously record received live content on both channels.

29. (Withdrawn) The method of claim 25, wherein the STB is configured to simultaneously record or pause received live content on N channels, where N is the number of tuned and demodulated channels received by the STB.

30. (Withdrawn) A method of retrieving recorded content in a set-top box (STB), that has been designated as deletable, comprising: displaying a menu of recorded programs that the user has designated as deletable from a mass storage device; and selecting desired programs on said menu for un-deletion, wherein said selected programs are un-deleted so long as said mass storage device is not full.

U.S. Serial No. 10/022,094
Response to the Office action of April 4, 2006

31. (Withdrawn) The method of claim 30, further comprising selecting desired programs on said menu for permanent deletion from the mass storage device.
32. (Withdrawn) A method of creating a customized play list of content, comprising: displaying a first menu of selectable content selecting content on said first menu; displaying a second menu; and adding said selected programs to said second menu.
33. (Withdrawn) The method of claim 32, wherein said first menu is an electronic program guide and said second menu is a stored archive of customized play lists which may be accessed and modified by a user with the selected content.
34. (Withdrawn) The method of claim 32, wherein said second menu is the customized play list, and displays selected items that are user configurable.
35. (Withdrawn) A method of looping recorded content in a set-top box (STB), comprising: marking a start point and an end point of currently viewed content; and subjecting the marked data to a looping operation so that it is continually looped on a display device operatively connected to the STB.
36. (Withdrawn) The method of claim 35, wherein said looping operation may be effected via a menu-driven display or via a suitable user-interface.
37. (Withdrawn) The method of claim 35, wherein the marked data is real-time data or trick mode data.
38. (Withdrawn) A method of marking desired points in a program for viewing, comprising: inserting a marker at a point in currently viewed content, said marker representing a bookmark snippet of the content; and storing the bookmark, wherein a user may display the bookmark via a user interface.

U.S. Serial No. 10/022,094
Response to the Office action of April 4, 2006

39. (Withdrawn) The method of claim 38, wherein the user can view other programming and jump back to the bookmarked content and resume viewing.
40. (Withdrawn) The method of claim 38, wherein the user annotates the bookmarks.
41. (Withdrawn) The method of claim 38, further comprising displaying a menu of stored bookmarks.
42. (Withdrawn) The method of claim 38, wherein said currently viewed content is live, recorded or cached programming.
43. (Withdrawn) A digital video recording (DVR) apparatus in a communication system comprising: a memory for storing a plurality of selectable parameters related to recording of content in the DVR apparatus; a processor for displaying a menu of said selectable parameters; and a user interface device for selecting at least one parameter from the menu in order to effect a recording operation for the content.
44. (Withdrawn) The DVR apparatus of claim 43, wherein said user-interface is selected from the group comprising a remote control, graphical user interface (GUI), function button on the DVR, external keyboard or an external personal computer (PC) operatively connected to the DVR.
45. (Withdrawn) The DVR apparatus of claim 43, wherein one of the selectable parameters is a disk gas gage feature indicating how much of a mass storage device operatively connected to the DVR is consumed by recorded material.
46. (Withdrawn) The DVR apparatus of claim 45, wherein said disk gas gage provides a percent of storage available of remaining in real-time.

U.S. Serial No. 10/022,094
Response to the Office action of April 4, 2006

47. (Withdrawn) The DVR apparatus of claim 43, wherein one of the selectable parameters is a notification indicating the approximate minutes of recording time still available while recording is in progress.

48. (Withdrawn) The DVR apparatus of claim 47, said notification embodied as an out-of-disk space alert feature which is automatically displayed when the remaining available recording time equals a predetermined default value.

49. (Withdrawn) The DVR apparatus of claim 48, wherein said out-of-disk space alert feature is configured to have both audio and video components.

50. (New) The method of claim 1, further comprising receiving a payment before decrypting the encrypted content.

51. (New) The method of claim 1, wherein the encrypted content is encrypted using a first encryption scheme.

52. (New) The method of claim 51, further comprising encrypting the encrypted content using a second encryption scheme.

53. (New) The method of claim 52, further comprising decrypting the encrypted content prior to encrypting the content using the second encryption scheme.

U.S. Serial No. 10/022,094

Response to the Office action of April 4, 2006

54. (New) A television receiver comprising:
- a control unit to display a parameter menu of selectable parameters to be used for recording current or future viewed encrypted content;
 - a user interface to select at least one parameter from the parameter menu in order to effect a recording operation for the encrypted content and to receive a request to display the encrypted content;
 - a storage device to store the encrypted content locally;
 - a decrypter to decrypt the encrypted content when the content is authorized for display in response to a request to display the encrypted content; and
 - a decoder to present the decrypted content.
55. (New) The television receiver of claim 54, wherein said parameter menu is mutually exclusive of any displayed content of an electronic program guide (EPG).
56. (New) The television receiver of claim 54, wherein said parameter menu is displayed as part of any displayed content of an electronic program guide (EPG).
57. (New) The television receiver of claim 54, wherein said parameters include at least one of a date of program, a time of program, and a desired channel.
58. (New) A system for providing content, the system comprising:
- a television receiver to display a parameter menu of selectable parameters to be used for recording current or future viewed encrypted content, to select at least one parameter from the parameter menu in order to effect a recording operation for the encrypted content and to receive a request to display the encrypted content, to store the encrypted content locally, to decrypt the encrypted content when the content is authorized for display in response to a request to display the encrypted content; and
 - a television to present the decrypted content.
59. (New) The system of claim 58, wherein said parameter menu is mutually exclusive of any displayed content of an electronic program guide (EPG).

U.S. Serial No. 10/022,094

Response to the Office action of April 4, 2006

60. (New) The system of claim 58, wherein said parameter menu is displayed as part of any displayed content of an electronic program guide (EPG).

61. (New) The system of claim 58, wherein said parameters include at least one of a date of program, a time of program, and a desired channel.